BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

BYATARAYANAPURA DIVISION

BYATARAYANAPURA SUB DIVISOIN

Name of Work : Improvement and maintainance of footpath and drains in ward No 07 Thanisandra in ward no 07,Thanisandra Byatarayanapura Sub Division

Est Cost : 30.00 Lakhs

P Code : P-3726

ಅಂದಾಜು ಪಟ್ಟಿಯ ವರದಿ

ವಿಷಯ: ವಾರ್ಡ್ ನಂ. 07(ಥಣಿಸಂದ್ರ) ವ್ಯಾಪ್ತಿಯ Improvements and maintenance of Foothpath and Drains in ward No. 07 Thanisandra Byatarayanapura Sub Division ಕಾಮಗಾರಿಗೆ ಅನುಮೋದನೆ ನೀಡುವ ಕುರಿತು.

ಮೇಲ್ಕಂಡ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ, ವಾರ್ಡ್ ನಂ. 07(ಥಣಿಸಂದ್ರ) ವ್ಯಾಪ್ತಿಯ Improvements and maintenance of Foothpath and Drains in ward No. 07 Thanisandra Byatarayanapura Sub Division ಕಾಮಗಾರಿಗೆ ರೂ. 30.00 ಲಕ್ಷಗಳ ಲಕ್ಷಗಳ ಅಂದಾಜು ಮೊತ್ತದಲ್ಲಿ 2022-23 ನೇ ಸಾಲಿನ ಆಯವ್ಯಯದ ಲೆಕ್ಕಶಿರ್ಷಿಕೆ ಪಿ-3726ರ ಕಾಮಗಾರಿ ಕ್ರಿಯ ಯೋಜನಾ ಪಟ್ಟಿಯಲ್ಲಿ ಕಾಮಗಾರಿಯನ್ನು ನಿರ್ವಹಿಸಲು ಅವಕಾಶ ಕಲ್ಪಿಸಲಾಗಿದ್ದು, ದಿನಾಂಕ: 06.08.2022 ರಂದು ನಡೆದ ವಾರ್ಡ್ ಮಟ್ಟದ ಸಾರ್ವಜನಿಕ ಲೋಕೋಪಯೋಗಿ, ನಗರ ಯೋಜನೆ ಮೂಲ ಸೌಕರ್ಯ ಸ್ಥಾಯಿ ಸಮಿತಿ ಸಭೆಯ ನಡವಳಿ ವಿಷಯದ ಸಂಖ್ಯೆ. 178/2022-2 ರಲ್ಲಿ ಮಾನ್ಯ ಆಡಳಿತಗಾರರು ಅನುಮೋದಿಸಿರುತ್ತಾರೆ.

ಅದರಂತೆ ವಾರ್ಡ್ ವ್ಯಾಪ್ತಿಯಲ್ಲಿ ಬರುವ ಹೆಗಡೆನಗರದ ಇಂದಿರಾ ಕ್ಯಾಂಟೀನ್ ಪಕ್ಕದ ರಸ್ತೆಯಲ್ಲಿ ಹಾಲಿ ಇರುವ ಚರಂಡಿಯು ಹಾಗೂ ಅಡಿಗಾಲುವೆಗಳು ಹಾಳಾಗಿರುವುದರಿಂದ ಅಭಿವೃದ್ದಿಪಡಿಸುವ ಕಾಮಗಾರಿಯನ್ನು ಕೈಗೊಳ್ಳಲು ಸ್ಥಳ ಪರಿಶೀಲನೆ ಮಾಡಿ, ಅಗತ್ಯ ಅಂಶಗಳನ್ನು ಅಳವಡಿಸಿಕೊಂಡು ಅಂದಾಜು ಪಟ್ಟಿಯನ್ನು ಈ ಕೆಳಕಂಡ ಐಟಂಗಳನ್ನು ಅಳವಡಿಸಿ ತಯಾರಿಸಲಾಗಿರುತ್ತದೆ.

1. ಹಳೇಯ ಶಿಥಿಲಗೊಂಡಿರುವ ಕಲ್ವರ್ಟ್‌ಗಳನ್ನು Dismantaling ಮಾಡಿ ಅಭಿವೃದ್ದಿಪಡಿಸುವುದು
2. ಹಳೇಯ ಆರ್.ಸಿ.ಸಿ ಚರಂಡಿಯನ್ನು ಅಭಿವೃದ್ದಿಪಡಿಸಿ ಮುರಿದಿರುವ ಕವರಿಂಗ್ ಸ್ಲಾಭ್‌ಗಳನ್ನು ತೆಗೆದು ಹೊಸದಾಗಿ ಅಳವಡಿಸುವುದು
3. ಚರಂಡಿ ನಿರ್ಮಿಸಲು ಅಗೆತ ಮಾಡಿರುವ ಮಣ್ಣನ್ನು ಹೊರಸಾಗಿಸುವುದು ಹಾಗೂ ಇತರೆ ಅವಶ್ಯಕ ಅಂಶಗಳಿಗೆ ಅಂದಾಜಿನಲ್ಲಿ ಅವಕಾಶ ಕಲ್ಪಿಸಿಕೊಂಡಿರುತ್ತದೆ.

ಮೇಲ್ಕಂಡ ಅಂಶಗಳನ್ನು ಅಳವಡಿಸಿ ಅಂದಾಜು ಪಟ್ಟಿಯನ್ನು PWD SR- 2021-22 ದರಪಟ್ಟಿ ದರಗಳನ್ನು ಅಳವಡಿಸಿ ತಯಾರಿಸಲಾಗಿರುತ್ತದೆ. ಸದರಿ ಅಂದಾಜು ಪಟ್ಟಿಗೆ 2022-23ನೇ ಸಾಲಿನ ಅನುದಾನದ ಲೆಕ್ಕ ಶಿರ್ಷಿಕೆ ಪಿ-3726ರ ಅಡಿಯಲ್ಲಿ ಅನುಮೋದಿಸಿ, ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ, ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿ ಕಾಮಗಾರಿಯನ್ನು ತುರ್ತಾಗಿ ಕೈಗೊಳ್ಳಬೇಕಾಗಿರುವುದರಿಂದ ಟೆಂಡರ್ ಕರೆದು ಗುತ್ತಿಗೆದಾರರನ್ನು ನೇಮಿಸಿ ಕಾರ್ಯದೇಶ ನೀಡಲು ಈ ಮೂಲಕ ತಮ್ಮಲ್ಲಿ ಕೋರಲಾಗಿದೆ.

ಸಹಾಯಕ ಅಭಿಯಂತರರು

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE, BYATRAYANPURA DIVISION

Name of Work : Improvement and maintainance of footpath and drains in ward No 07 Thanisandra in ward no 07,Thanisandra Byatarayanapura Sub Division

							Estimated cost Rs		3000000.00
Sl No	Description of Item	Unit	No	L	B	D	QTY	Rate	Amount
1	**Dismantling of existing structures like culverts,** bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead I By Manual Means B **Cement Concrete Grade M-15 & M-20 (PWD SR 2021-22 Vol III Pg no 8 Item No 2.7(i))**								
	Indra canteen road hegdenagar	cum	8	7.00	1.50	0.25	21.00		
			4	7.00	1.50	0.25	10.50		
	Basic rate	731.00					**31.50**	752.93	**23717.00**
	Area weightage 3%	21.93							
	Total	**752.93**							
2	**Dismantling of existing structures like culverts,** bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead (iii) **Dismantling Stone Masonry B Rubble stone** masonry in cement mortar. (PWD SR 2021-22 Vol III Pg no 8 Item No 2.10(iv))								
	Existing culverts	cum	16	7.00	0.60	0.50	33.60		
			8	7.00	0.60	0.50	16.80		
	Basic rate	481.00					**50.40**	495.43	**24970.00**
	Area weightage 3%	14.43							
	Total	**495.43**							
3	**Removing & Refixing stone slabs** of drains and pointing in C.M (1:3) **Data rate**								
	Drain slabs	**sqm**	1	320.00	0.90		288.00		
			1	264.00	0.90		237.60		
							525.60		
	deduct damagd slabs		**Qty 50% of 525.60**				**262.80**		
	for desilting adjacent drains		2	100.00	0.90		180.00		
			2	75.00	0.90		135.00		
							577.80	121.00	**69914.00**
	Data Rtae	**121.00**							
4	**Earth work excavation by manual means for drains,**canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. Depth exceeding 1.5m, but not exceeding 3 m **(PWD SR 2021-22 Vol -I Pg 5 item No. 1.4.1)**								
a	**For Drain**								
	Desiling of drain L/s	cum	1	320.00	0.60	0.60	115.20		

Sl No	Description of Item	Unit	No	L	B	D	QTY	Rate	Amount
	R/s		1	264.00	0.60	0.60	95.04		
	Culverts		8	7.00	0.60	0.50	16.80		
			4	7.00	0.60	0.50	8.40		
	desilitng of adjacent drains		2	100.00	0.60	0.50	60.00		
			2	75.00	0.60	0.50	45.00		
							340.44	204.60	**69654.00**
	Basic rate	186.00							
	Area weightage 10%	18.60							
	Total	**204.60**							
5	**Providing Size Stone masonry** with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand) **(PWD SR 2021-22 Vol -II Pg 9 Item No. 5.4)**								
	for raising culvert walss	**cum**	16	7.00	0.60	0.50	33.60		
			8	7.00	0.60	0.50	16.80		
							50.40	5887.20	**296715.00**
	Basic rate	5352.00							
	Area weightage 10%	535.20							
	Total	**5887.20**							
6	**Providing and laying in position plain cement concrete** for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. **Mix 1:3:6 (M10) Using 20 mm nominal size** graded crushed coarse aggregates. Specification **(PWD SR 2021-22 Vol -I Pg 15 item no 2.1.4)**								
a	**For Drain**								
	Drain bed for levelling L/s	cum	1	320.00	0.60	0.10	19.20		
	R/s		2	264.00	0.60	0.10	31.68		
	Culverts		8	7.00	0.75	0.15	6.30		
			8	7.00	0.60	0.10	3.36		
			4	7.00	0.75	0.15	3.15		
			8	7.00	0.60	0.10	3.36		
	culvert ramp		16	7.00	0.60	0.10	6.72		
	for raising drain		2	320.00	0.15	0.10	9.60		
			2	264.00	0.15	0.10	7.92		
							91.29	6300.80	**575200.00**
	Basic rate	5728.00							
	Area weightage 10%	572.80							
	Total	**6300.80**							
7	**Providing and Fixing pre cast covering Slab 100mm** thick made out of CC , Jelly 20mm Down Size with steel reinforcement including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete as per Engineer incharge. **(Data Rate)**								
	Indra canteen road Drain L/s	**sqm**	1	320.00	0.90		288.00		
	R/s		2	264.00	0.90		475.20		

Sl No	Description of Item	Unit	No	L	B	D	QTY	Rate	Amount
							763.20		
	for Replacing damaged slabs		Qty = 50% of 763.20				**381.60**		
	Missing slabs at various palces		2	18.00	0.90		**32.40**		
							414.00	2072.00	**857808.00**
	Data rate	**2072.00**							
8	**Providing and Fixing Pre cast covering Slab 230mm t**hick made out of CC , Jelly 20mm Down Size with steel reinforcement including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete as per Engineer incharge**. (Data Rate)**								
	Culvert slabs	sqm	8	7.00	1.20		67.20		
			4	7.00	1.20		33.60		
	Replacing damaged slabs		2	4.00	1.20		9.60		
							110.40	5037.00	**556085.00**
	Data rate	5037.00							
9	**Loading and Unloading** of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 14 m3) (PWD SR 2021-22 Vol-III Page No.3, Item No.1.1C)								
		Cum	From Item No.1				**340.44**	81.40	**27712.00**
	Basic rate	74.00							
	Area weightage 10%	7.40							
	Total	81.40							
10	**Cost of Haulage Excluding Loading and Unloading** Taking output 18 t load and lead 10 km = 180 t.km (PWD SR 2021-22 Vol-III Page No.3, Item No.1.4B)								
	Qty frm Item No-5	t.Km					**340.44**	115.50	**39321.00**
	Basic rate	105.00							
	Area weightage 10%	10.50							
	Total	115.50							
								Total Rs	**2541096.00**
								GST Charges @18%	457397.0
								Miscellanous and rounding off	1,507.00
								Grand Total Rs	**3000000.00**

CERTIFICATE:

1) The work spot has been inspected and found to be necessary
2) The work spot comes under B.B.M.P
3) The provisions made in the estimate are necessary and minimum.
4) The estimate is based on, PWD SR 2021-22 Vol I, III and Data rates.

Assistant Engineer
BBMP

Assistant Executive Engineer
Byataraynapura sub Division
BBMP

Executive Engineer
Byataraynapura Division,
BBMP

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ
ಬೃ.ಬೆ.ಮ.ಪಾ., ಬೆಂಗಳೂರು

Administrative Approval
Accorded For Rs. 30.00 Lakhs
Head of A/C P3726
CER NO : 144 Dt: 16/09/22

TA

CE (YNK)

Technical Sanction
Accorded For Rs. 30.00 Lakhs
Head of A/C P3726
CER NO : 144 Dt: 16/09/22

TA

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer - Project Division, Yelahanka Zone

Rate Analysis for Removing and refixing cover slabs of drains and pointing in C.M (1:2)

Sl No.	Description	Unit	Nos	Length	Width	Qty	Rate	Amount
	Removing and Refixing Stone Slabs of drains and pointing in C.M (1:3)							
	Consider 10.00 Sqm							
	Labour							
A	Mazdoor (From Vol, Labour rates, unskilled no. 1, Pg No. A-52)	Day				1	486.22	486.22
B	Mazdoor light (Blacksmith Assistant) (From Vol, Labour rates, unskilled no. 2, Pg No. A-52)	Day				1	486.22	486.22
								972.44
		Add Over Head Charges 10%						97.24
		Add Contractor's Profit 10% (10% of Total + Over Head Charges)						106.97
	Consider Pointing 1:2 (10m*1.0m = 15Nos of 0.6m width of each Slab) Vol II, P No. 44, Item no.8.20 Providing Flush/ Ruled Pointing on stone slab ceiling with cement mortar 1:2(1 cement: 2 fine sand) after raking joints to depth nicely, lining, including cost of materials, labour, curing as per specifications and as per directions of Engineer-in charge	Sqm	15	1.00	0.02	0.3	113.00	33.90
						Total		1210.55
		Cost of Rs. 10.00 Sqm						1210.55
		Rate per Sqm						121.06
		Round Off						-0.06
		Net Rate Per Sqm						121.00

Rupees One Hundred and Twenty One Only

Certificate.

1 This DATA RATE as been prepared as per PWD SR, Bangalore circle for year 2021-22
2 The area comes within the Bruhat Bangalore Mahanagara Palike limits.
3 The provisions made in the estimate are necessary and essential.
4 The Above Rate Analysis is for preparation of Estimation Only.
5 The Above Rate Analysis Applicable for Yelahanka Zone Only.

Assistant Engineer

Asst Exec. Engineer
"Approved"

Executive Engineer

ಆದೇಶ ಅಧಿಮೇರೆಯಂತೆ 21/6/2022
ಮುಖ್ಯಾಧಿಕಾರಿ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

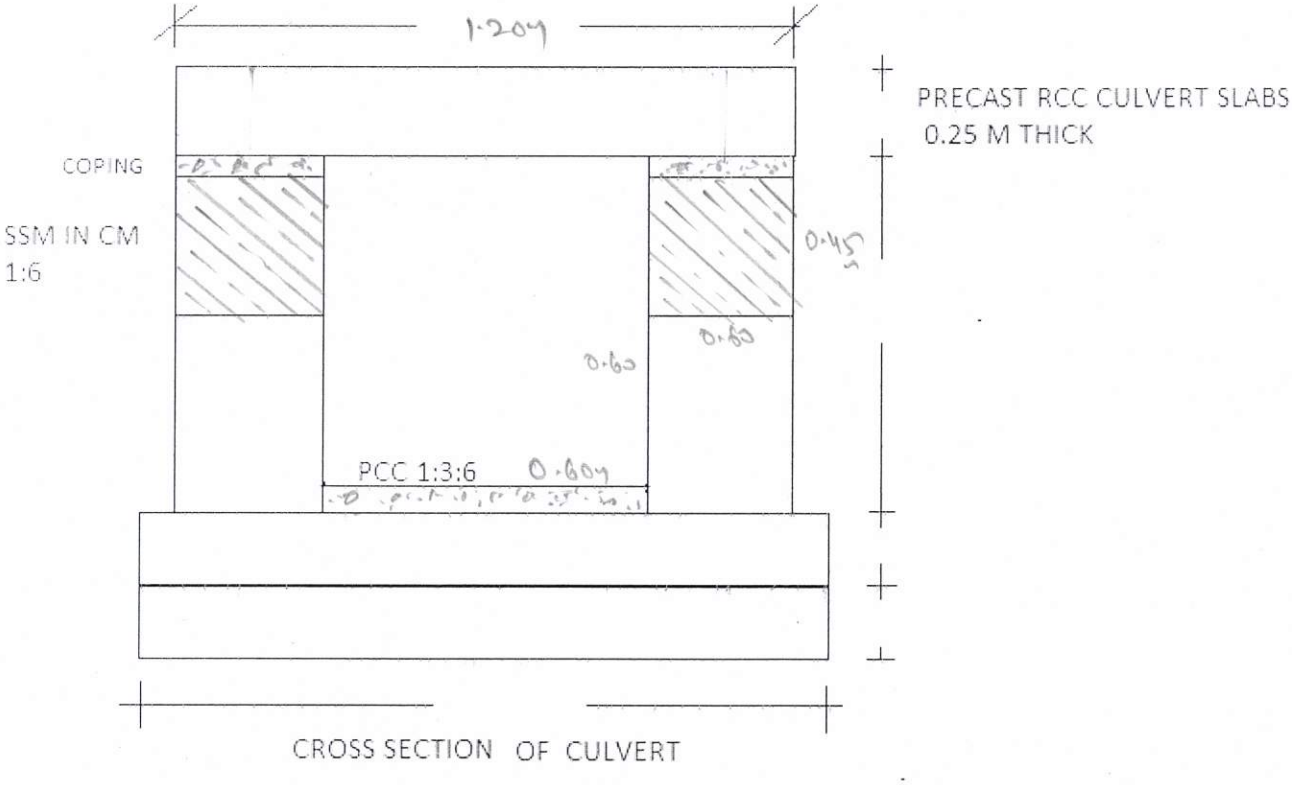
Scanned with CamScanner

Name of Work : Improvement and maintenance of footpath and drains in ward no 07, Thanisandra Byatarayanapura Sub Division

Assistant Engineer
Ward No 07

Assistant Executive Engineer
Byatarayanapura Sub Division

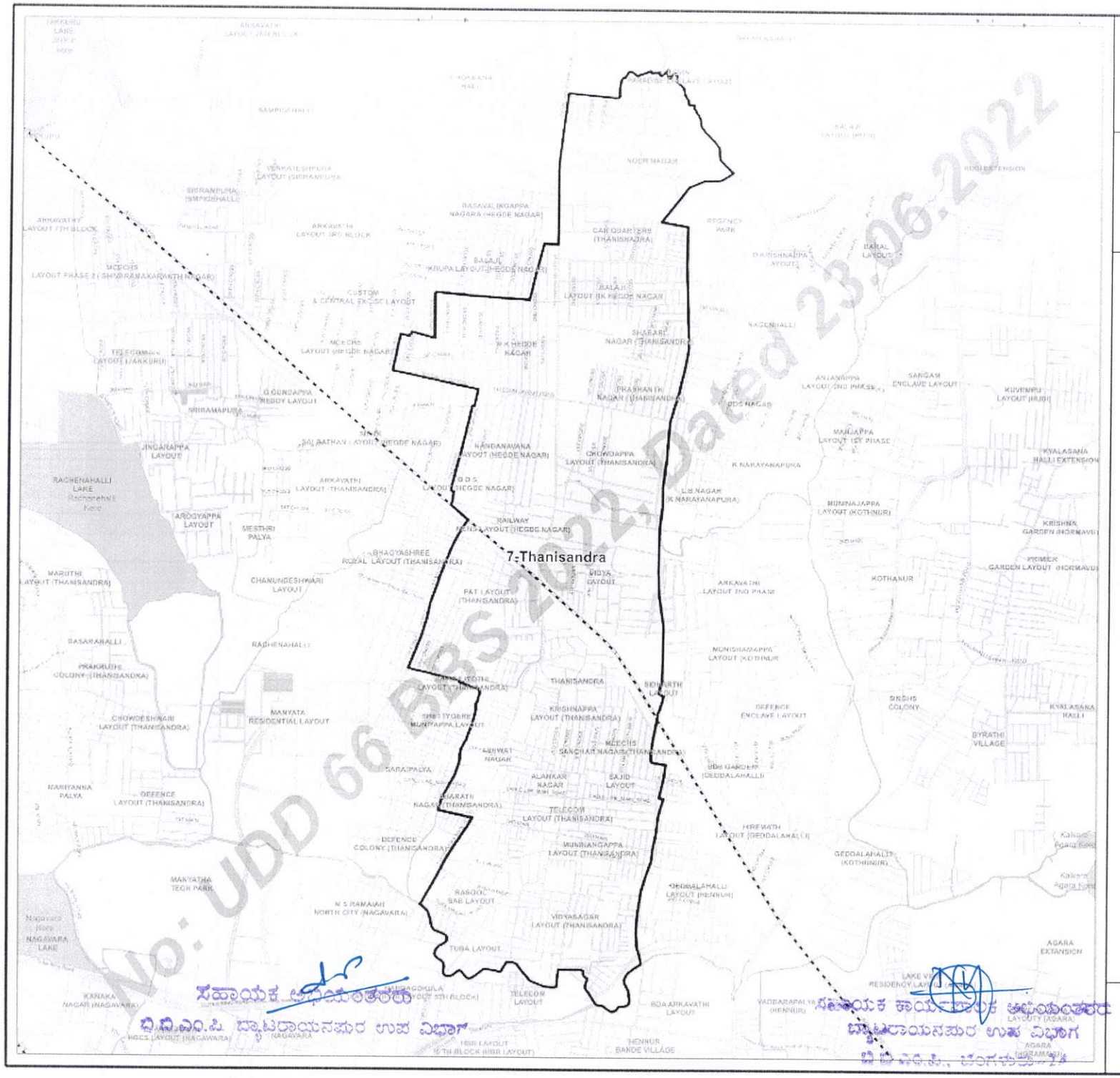
Name of Work : Improvement and maintainance of footpath and drains in ward No 07 Thanisandra in ward no 07,Thanisandra Byatarayanapura Sub Division



CROSS SECTION OF CULVERT

Assistant Engineer
Ward no 07

Assistant Executive Engineer
Byataraynpura sub division



No: UDD 66 BBS 2022, Dated 23.06.2022

ಸಹಾಯಕ ಆಯುಕ್ತರು
ಬಿಬಿಎಂಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-26

Delimitation of Wards in BBMP - 2022

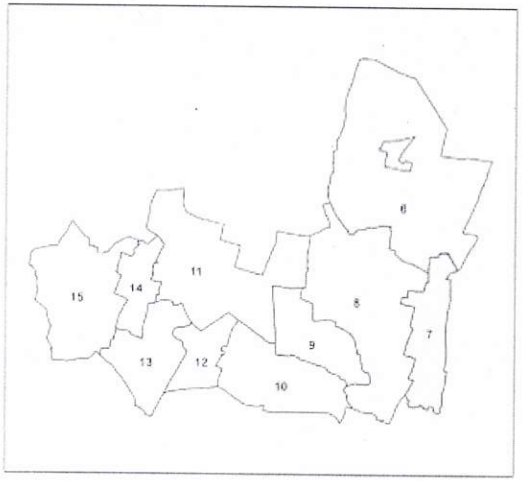
Delimited Ward Name

7-Thanisandra

Legend

- Delimited Ward Boundary
- Delimited Ward Area
- Road
- Railwayline
- Park
- Tank/ Pond/ Storm Water Drain

152-Byatarayanapura AC



Government of Karnataka Notification
No: UDD 66 BBS 2022, Dated 23.06.2022

Delimitation Commission